

ENERGY STAR Commercial Ovens Product List

List Posted on November 19, 2012

Below are currently qualified ENERGY STAR models available for sale in the U.S. and Canada.

*Date Available on Market is not available for products qualified prior to January 1, 2011.

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ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Size	Input Rate (kW)	Input Rate (Btu/h)	Idle Energy Rate (kW)	Idle Energy Rate (Btu/h)	Cooking Energy Efficiency (%)	Door Type	Additional Door Type(s)	Date Available on Market*	Date Qualified**
Alto-Shaam, Inc.	Alto-Shaam	ASC-2E	ASC-2E		Electric Convection Ovens	Half-size	5.0		0.82		0.71	Glass	N/A		
Alto-Shaam, Inc.	Alto-Shaam	ASC-4E	ASC-4E		Electric Convection Ovens	Full-size	10.4		1.2		0.73	Glass	N/A		
American Range Corporation	American Range	Majestic	M-1GL	M-1, M-2G	Gas Convection Ovens	Full-size		80000		10842	0.44	Glass	N/A		
Bevles/Bakers Pride/BKI/APW Wyott	APW Wyott		455BCOGL1		Gas Convection Ovens	Full-size		60000		11753	0.44	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	APW Wyott		EBCOER21		Electric Convection Ovens	Full-size	10.5		1.4		0.74	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	Bakers Pride		455BCOGL1	BCO-G1, BCO-G2, GDCO-G1, GDCO-G2	Gas Convection Ovens	Full-size		60000		11753	0.44	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	Bakers Pride		EBCOER21	BCO-E1, BCO-E2, GDCO-E1, GDCO-E2	Electric Convection Ovens	Full-size	10.5		1.4		0.74	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	Bevles		455BCOGL1		Gas Convection Ovens	Full-size		60000		11753	0.44	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	Bevles		EBCOER21		Electric Convection Ovens	Full-size	10.5		1.4		0.74	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	BKI		455BCOGL1	COM-GS, COM-GD, COB-GS, COB-GD	Gas Convection Ovens	Full-size		60000		11753	0.44	Glass	Solid		
Bevles/Bakers Pride/BKI/APW Wyott	BKI		EBCOER21	COB-E, COM-E, COB-ES, COB-ED, COM-ES, COM-ED	Electric Convection Ovens	Full-size	10.5		1.4		0.74	Glass	Solid		
Blodgett Oven Company	Blodgett	CTB/R1	CTB/R1		Electric Convection Ovens	Half-size	5.6 / 6.8/ 8.0 (multiple input)		1.0 / 1.0		72%; 71%; 73%	Glass	N/A		
Blodgett Oven Company	Blodgett	DFG-100	DFG-100		Gas Convection Ovens	Full-size		55000		12160	0.44	Glass	Solid		
Blodgett Oven Company	Blodgett	DFG-200	DFG-200		Gas Convection Ovens	Full-size		60000		12280	0.44	Glass	Solid		
Blodgett Oven Company	Blodgett	Mark-V	MK111		Electric Convection Ovens	Full-size	11.0		1.5		0.71	Glass	Solid		
Blodgett Oven Company	Blodgett	SH1E	SH1E	SHO-E	Electric Convection Ovens	Full-size	11.0		1.5		0.74	Glass	Solid		
Blodgett Oven Company	Blodgett	SH1G	SH1G	SHO-G	Gas Convection Ovens	Full-size		50000		12218	0.44	Glass	Solid		
Blodgett Oven Company	Blodgett	XCEL-50, EXCEL-50EC	XL-50E	XL-50EC	Electric Convection Ovens	Half-size	13.0		0.6		0.74	Glass	Solid		
Blodgett Oven Company	Blodgett	Zephaire-240E Plus	Zephaire-240E		Electric Convection Ovens	Full-size	11.0		1.5		0.75	Glass	Solid		

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Blodgett Oven Company	Blodgett	Zephaire-240G Plus	Zephaire-240G		Gas Convection Ovens	Full-size		50000		10959	0.44	Glass	Solid		
Blodgett Oven Company	Blodgett	Zephaire-E	Zephaire-E	Zephaire-E Plus and Zephaire-G Plus	Electric Convection Ovens	Full-size	11.0		1.6		0.71	Glass	Solid		
Blodgett Oven Company	Blodgett	Zephaire-G	Zephaire-G		Gas Convection Ovens	Full-size		60000		12283	0.44	Glass	Solid		
Doyon Equipment Inc.	Doyon	Jet Air Plus Oven	JA5P2618		Electric Convection Ovens	Full-size	8.5 / 11.2 (dual input)		1.3 / 1.3		73%; 73%	Glass	Solid		
Duke Manufacturing Co.	Duke	613-G1	613-G1	613-G2	Gas Convection Ovens	Full-size		40000		12280	0.54	Glass	Solid		
Duke Manufacturing Co.	Duke	E101-G	E101-G	E102-G, 613Q-G1, 613Q-G2	Gas Convection Ovens	Full-size		40000		12091	0.55	Glass	Solid		
Garland Group (A division of Manitowoc Food Service) Corporation, Division of ITW Food Equipment Group, LLC	Garland Group	MCO	MCO-GS-10ESS	MCO-GS-20ESS	Gas Convection Ovens	Full-size		60000		11357	0.45	Glass	Solid		
Corporation, Division of ITW Food Equipment Group, LLC	Hobart	DGC5 Series	DGC501	DGC502	Gas Convection Ovens	Full-size		44000		11850	0.46	Solid	N/A		
Corporation, Division of ITW Food Equipment Group, LLC	Hobart	HGC Series	HGC501	HGC502	Gas Convection Ovens	Full-size		44000		11850	0.46	Glass	N/A		
Corporation, Division of ITW Food Equipment Group, LLC	Hobart	HGC Series	HGC501X	HGC502X	Gas Convection Ovens	Full-size		44000		11097	0.47	Glass	N/A		
Imperial Commercial Cooking Equipment	Imperial		ICVE-1	ICVE-2	Electric Convection Ovens	Full-size	11.0		1.6		0.72	Glass	Solid		
Imperial Commercial Cooking Equipment	Imperial		ICVG-1	ICVG-2	Gas Convection Ovens	Full-size		70000		10758	0.46	Glass	Solid		
Lang Manufacturing	Lang	CHEF SERIES	ECSF-ES	ECSF-EZ	Electric Convection Ovens	Full-size	12.3		1.6		0.76	Glass	N/A		
Lang Manufacturing	Lang	LANG	ECOD-AP	Suffix options: -C, -S, -AT, -PP, -PT	Electric Convection Ovens	Full-size	11.5		1.5		0.75	Glass	Solid		
Lang Manufacturing	Lang	LANG	ECOF-AT	Suffix options: -C, -S, -AP, -PP, -PT, -T	Electric Convection Ovens	Full-size	11.5		1.5		0.74	Glass	Solid		
Lang Manufacturing	Lang	LANG	ECOH-AP	ECOH-PP, ECOH-PT	Electric Convection Ovens	Half-size	7.8		0.95		0.77	Glass	Solid		
Lang Manufacturing	Lang	LANG	GCOF-AP	Suffix options: -S, -PP, -PT, -T	Gas Convection Ovens	Full-size		55000		11486	0.46	Glass	Solid		
Lang Manufacturing	Lang	LANG	GCSF-ES	GCSF-EZ	Gas Convection Ovens	Full-size		60000		10382	0.45	Glass	Solid		
Moffat Limited	Blue Seal	Turbofan	E32D5		Electric Convection Ovens	Full-size	6.5		0.95		0.78	Glass	Solid		
Moffat Limited	Blue Seal	Turbofan	G32D5		Gas Convection Ovens	Full-size		33000		11433	0.48	Glass	Solid		
Moffat Limited	Moffat	Turbofan	E32D5		Electric Convection Ovens	Full-size	6.5		0.95		0.78	Glass	Solid		
Moffat Limited	Moffat	Turbofan	G32D5		Gas Convection Ovens	Full-size		33000		11433	0.48	Glass	Solid		

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Royal Range Of California, Inc.	Royal		RCOS-1	RCOS-2	Gas Convection Ovens	Full-size		70000		12540	0.45	Glass	Glass/Solid, Solid/Solid, Glass/Glass		
Southbend	Southbend	Marathoner Gold, Silver Star, Bronze	ES/10	ES/20, SLES/10, SLES/20	Electric Convection Ovens	Full-size	11.0		1.2		0.8	Glass	Solid		
Southbend	Southbend	Marathoner Gold, Silver Star, Bronze	GS25	BGS/12, BGS/22, SLGS/12, SLGS/22, GS/15	Gas Convection Ovens	Full-size		90000		12465	0.46	Glass	Solid		
The Montague Company	Montague	Vectaire HX	HX-63A	HX2-063A, HX-63AH, HX2-63AH	Gas Convection Ovens	Full-size		63000		12890	0.44	Glass	Solid		
Vulcan-Hart Company	Vulcan	SG Series	SG4D	SG44D	Gas Convection Ovens	Full-size		60000		11360	0.48	Glass	N/A		
Vulcan-Hart Company	Vulcan	VC Series	VC4GD	VC44GD	Gas Convection Ovens	Full-size		44000		11850	0.46	Glass	N/A		
Vulcan-Hart Company	Vulcan	VC Series	VC6GD	VC66GD	Gas Convection Ovens	Full-size		44000		11097	0.47	Glass	N/A		
Vulcan-Hart Company	Wolf	WKG Series	WKGD1	WKGD2	Gas Convection Ovens	Full-size		44000		11850	0.46	Glass	N/A		
Vulcan-Hart Company	Wolf	WLGO Series	WLGO	WLGO2	Gas Convection Ovens	Full-size		44000		11850	0.46	Glass	N/A		
Wells Mfg.	Wells	M4200-208	M4200-208		Electric Convection Ovens	Half-size	7.5		0.95		0.72	Solid	N/A		
Wells Mfg.	Wells	M4200-240	M4200-240		Electric Convection Ovens	Half-size	8.4		0.95		0.72	Solid	N/A		

Definitions for Commercial Ovens Column Headers

Column Header	Definition
ENERGY STAR Partner	An organization that signed a Partnership Agreement with EPA to manufacture or private label ENERGY STAR qualified products.
Brand	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Name	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Number	A distinguishing identifier, usually alphanumeric, assigned to a product by the manufacturer or private labeler.
Additional Model Information	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes. This column includes alternative means to identify the model/model family (e.g., additional model names, additional model numbers, retailer SKUs, product descriptions).
Product Type	Designates the type of commercial oven model, according to the following options for Version 1.1: 1) Electric convection oven 2) Gas convection oven
Size	Designates the size of the commercial oven model, according to the following options for Version 1.1: 1) Full-size convection oven (a convection oven that is able to accept a minimum of five standard full-size sheet pans measuring 18 x 26 x 1-inch) 2) Half-size convection oven (a convection oven that is able to accept a minimum of five sheet pans measuring 18 x 13 x 1-inch). The Version 1.1 specification covers full-size and half-size electric ovens, and full-size only for gas ovens.
Input Rate (kw or Btu/h)	For ovens with variable Btu/h or kW input, each available input shall be tested individually and meet the cooking energy efficiency and idle energy rate requirements of the specification.
Idle Energy Rate (kW or Btu/h)	For ovens with variable Btu/h or kW input, each available input shall be tested individually and meet the cooking energy efficiency and idle energy rate requirements of the specification.
Cooking Energy Efficiency (%)	The ratio of energy absorbed by the food product to the total energy supplied to the oven during cooking.

Column Header	Definition
Door Type	The door type (e.g., solid, glass) of the commercial oven model that was tested to ASTM F1496-99 (Reapproved 2005), Standard Test Method for Performance of Convection Ovens.
Additional Door Type(s)	The additional door types (e.g., solid, glass) that qualify as part of the model family. For model families, variations of one model offered within a single product line based on the same engineering design with differences limited to door options. (For qualification of a product family, the most energy consuming model within the product family shall serve as the representative model.)
Date Available on Market	The date that the model is available for purchase.
Date Qualified	The date on which the product was confirmed to meet the ENERGY STAR specification.

Key Efficiency Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 1.1 ENERGY STAR Program Requirements for Commercial Ovens effective May 16, 2009.

Energy Efficiency Requirements for Gas Convection Ovens	
Full Size	
Cooking Energy Efficiency*	$\geq 44\%$
Idle Energy Rate	$\leq 13,000$ Btu/h
Energy Efficiency Requirements for Electric Convection Ovens	
Half Size	
Cooking Energy Efficiency*	$\geq 70\%$
Idle Energy Rate	≤ 1.0 kW
Full Size	
Cooking Energy Efficiency*	$\geq 70\%$
Idle Energy Rate	≤ 1.6 kW

Note:

*Based on the ASTM F1496 heavy-load (potato) cooking test.